

Jittie Blocker / Shield

Abstract

An aircraft cockpit reinforced, stationary dividing wall system that completely separates the Pilots cockpit flight deck from the passengers compartment. Additionally, this stationary dividing wall shall be an engineered unit consisting of Titanium studding, thick Titanium plates, attached on each side with an outer thick layer of Kevlar and a material called spectra. This stationary dividing wall shall be designed to maintain complete separation of the passengers from the aircraft navigation personnel. The lightweight, solid, bulletproof, stationary interior enclosing wall system, wherein with relatively few components, most of which can be formed from titanium sheet stock. A wide variety of interior full height walls can be constructed, thus avoiding the necessity of the manufacture and inventory of a large number of parts. In the preferred form, a verticalness panel is constructed having rolled formed recessed edge that includes a folded flange of special configuration uniformly spaced, so that the wall studding and panels may readily be secured with rivets. The studs would be attached to the frame assembly that support the fuselage skin panels and would

become a part of said frame structure. A nonwoven mix of Kevlar and a material called Spectra would accommodate a wide variety of surface finishes and provide an appearance cover for stopping bullets and similar high impact force projectiles.